An Undescribed Species of Net-winged Midge from Argentina (Blepharoceridae, Diptera.)

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In 1920 (Arkiv för Zoologi, Band 13, No. 7, pp. 1-4), the writer described a new genus and species of net-winged midge, Edwardsina chilensis, from southern Chile. As indicated in the original description, the fly exhibits some very unusual venational features. The discovery of a second species of this primitive genus of Blepharoceridae is of more than usual interest. The two specimens upon which the following description is based were collected by Dr. Carette along the Rio Diamante in southern Mendoza, Argentina, and kindly sent to me for determination by my friend, Dr. Charles Bruch, to whom I am indebted for many kind favors. The type is in the Museum of La Plata, the allotype in the writer's collection. Both of these types appear somewhat teneral and the wings are badly folded.

Edwardsina argentinensis, new species.

3. Length about 8 mm.; wing 11 mm. Q. Length about 8.5 mm.; wing 14 mm. The bodies of both specimens are rather shrunken, so a better idea of the size is conveyed by the wing measurements.

Mouth parts and palpi light yellowish brown. Antennae with the scapal segments and the base of the first flagellar segment obscure brownish orange; remainder of the flagellum dark brown; flagellar segments nearly globular. Front cream-colored; vertex dark brown.

Mesonotal praescutum silvery gray with three conspicuous black stripes, the broad median stripe divided by a slight carina; scutal lobes black, the median area pruinose; scutellum black, more pruinose basally. Pleura light gray. Halteres dark brown, the base of the stem obscure orange. Legs with the coxae and trochanters obscure yellow; remainder of the legs brownish testaceous, the terminal tarsal segments darker.

Wings grayish subhyaline; veins dark brown; wings very large and ample for the size of the insect; anal angle very conspicuous. Venation: R1 thick with numerous short macrotrichiae; the section of Rs interpreted as being a spur in E. chilensis is here so long and of such a course that it appears to be the true base of the sector, although the extreme basal connection is atrophied; the vein that was interpreted as the base of the sector in E. chilensis would thus appear to be a crossvein, presumably r; R2+3 short, about as long as r-m; R4+5 parallel with R3 basally but soon diverging, ending immediately behind the wing-apex which is very obtuse; r-m opposite the fork of M; no decided curvature on M1 to indicate the position occupied by the atrophied M2.

Abdomen dark brown, the pleural membrane more grayish.

Habitat.—Argentina. Holotype, &, Rio Diamante, southern Mendoza, January, 1921 (Dr. Carette). Allotopotype, Q.

Edwardsina argentinensis differs from the genotype, E. chilensis, in its larger size, dark coloration of the body, the slightly different wing-venation and the more conspicuous anal angle of the wing.